

===== MATERIAL SAFETY DATA SHEET =====  
===== For chemicals, coatings and related materials =====  
=====

DATE PREPARED:  
3-19-87

Supersedes:  
5/86

===== Manufacturer =====  
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===== Section I - Product =====

NUMBER: 11-495  
NAME : SONNEBORN KURE-N-SEAL (BP 3635)  
CLASS : Coating  
H M I S Hazard Codes  
Health: 2 Moderate  
Flammability: 2 Moderate  
Reactivity: 0 Minimal

Personal Protective Equipment: G

===== Section II - Hazardous Ingredients =====

----- Ingredient -----	Percent	C. A. S.	LEL	Vapor Pressure
Material Description	by weight	Registry No.		mm Hg @ 20 C
Aromatic Hydrocarbon Blend	57.0	64742-95-6	1.	3.0
Xylene	3.0	1330-20-7	1.	5.1
Aliphatic petroleum Distillate	25.0	8052-41-3	1.	27.0

===== Section III - Physical Data =====

Boiling Range: 300. - 400. deg F  
Vapor Pressure: 10.1 mm @ 20 deg C  
Specific Gravity: 0.86  
Evaporation Rate: Slower  
(relative to n-butyl acetate)  
Freezing Point: N/A deg F  
Vapor Density: Heavier than air  
H2O Soluble: Negligible (< 0.1%)  
% Volatile by Volume: 87.01 %

Appearance and Odor: Clear thin liquid with solvent odor

===== Section IV - Fire and Explosion Hazard Data =====

Flash point: 101.0 deg F  
(Method Used) Tag  
Explosive Limits: LEL UEL (%V in air)  
0.9 7.0

FLAMMABILITY CLASSIFICATION

OSHA: Combustible Liquid - Class II

DOT : Combustible Liquid

EXTINGUISHING MEDIA:

Foam, CO2, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective clothing. Use water to cool exposed containers. Water stream directed into fire may cause frothing with subsequent spread of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion. Closed containers may rupture or explode (due to pressure build up) when exposed to extreme heat.

Vapor is heavier than air, and may travel along the ground to be

reignited at locations distant from the source; flashback of flame may occur.

Empty containers may contain explosive vapors or dangerous residues.  
DO NOT cut, puncture, or weld on or near container.

Section V - Toxicological Information						
Ingredient	PEL	TLV (twa)	LD50(mg/kg)	LC50(ppm)		
Material Description	ppm	mg/m3	ppm	ORAL	DERMAL	INHAL
Aromatic Hydrocarbon Blend	N/A	N/A	100.0	4700.0	N/A	3670.0
Xylene	100.	N/A	100.0	4300.0	N/A	5000.0
Aliphatic petroleum Distillate	500.	N/A	100.0	N/A	N/A	N/A

Section VI - Health Hazard Data

EFFECTS OF OVEREXPOSURE: THRESHOLD LIMIT VALUES: See Section V

#### ACUTE HAZARDS

EYES: Moderate irritant. May cause reversible corneal injury.  
SKIN: Moderate irritant. May cause dermatitis and allergic responses.  
INHALATION: Respiratory irritant and intoxicant.  
Overexposure shown by headache, dizziness and confusion to coma.  
Material aspirated into lungs may cause chemical pneumonitis.  
INGESTION: May cause irritation of mouth, throat, and stomach.  
Symptoms include nausea, abdominal pain and possible collapse.  
\*\*\*Preexisting pulmonary and dermatological disorders may be aggravated by exposure to hazardous components.

#### EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with plenty of water at least 15 minutes. Obtain immediate medical attention.  
SKIN: Remove contaminated clothing. Wash affected area(s) thoroughly with soap and water. Consult a physician.  
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.  
INGESTION: DO NOT INDUCE VOMITTING.  
Give water or milk if victim is conscious and not drowsy. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Obtain immediate medical attention.

Section VII - Reactivity Data

STABILITY: Stable  
STABILITY CONDITIONS TO AVOID:  
Sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH):  
Strong bases or oxidants. Strong Lewis or mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS:  
Acrid smoke. Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur  
POLYMERIZATION CONDITIONS TO AVOID:

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===== Section VIII - Spill or Leak Procedures =====  
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STEPS FOR MATERIAL SPILLAGE:

Ventilate area. Wear appropriate protective equipment during cleanup.  
Eliminate sources of ignition. Shut off source of leak if safe to do  
so. Dike or contain spill. Absorb with inert material. Sweep or  
shovel into containers with lids. Cover loosely and store in a well-  
ventilated area until disposal. Wash spill area with soap and water.  
Prevent washings from entering waterways.

#### WASTE DISPOSAL METHODS:

Review all local, state, and federal regulations concerning health and  
pollution for appropriate disposal procedures.

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===== Section IX - Special Protection Information =====  
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RESPIRATORY PROTECTION:

If the TLV is exceeded, if use is performed in a poorly ventilated  
confined space or area with limited ventilation, use NIOSH-approved  
respirator in accordance with 29 CFR 1910.134.

Use self-contained breathing apparatus when burning out cured compound

#### VENTILATION:

Local exhaust as needed to control vapor/dust levels to below  
recommended limits.

#### PROTECTIVE GLOVES:

Impervious rubber.

#### EYE PROTECTION:

Chemical safety goggles

#### OTHER PROTECTIVE EQUIPMENT:

Accessible eye wash and safety shower.  
Clean protective clothing

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===== Section X - Special Precautions =====  
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#### HANDLING AND STORAGE PRECAUTIONS:

FOR PROFESSIONAL USE ONLY  
DO NOT TAKE INTERNALLY  
AVOID CONTACT WITH EYES, SKIN, AND CLOTHING  
AVOID BREATHING VAPOR/DUST/MIST  
WASH THOROUGHLY AFTER HANDLING  
TIGHTLY RESEAL ALL PARTIALLY USED CONTAINERS  
USE ONLY WITH ADEQUATE VENTILATION  
STORE AWAY FROM SOURCES OF IGNITION

KEEP OUT OF REACH OF CHILDREN

\*THIS CONTAINER HAZARDOUS WHEN EMPTY\*

DO NOT REUSE EMPTY CONTAINER WITHOUT COMMERCIAL CLEAN OR RECONDITION  
STORE EMPTY CONTAINER AWAY FROM HEAT AND FLAME

OTHER PRECAUTIONS:

\*Studies suggest that chronic overexposure and/or systemic toxicity effects are targeted at the kidneys and liver.

\*\*\*N/A = Information or data Not Available\*\*\*

D.O.T. Hazard Class: Combustible Liquid  
D.O.T. Shipping Name: Paint Liquid, N.O.S.  
(Aliphatic and Aromatic Hydrocarbon Blend)  
UN/NA Number: UN1263  
EPA RCRA Class: Ignitable  
EPA RCRA Number: D001  
ON EPA TSCA Inventory: Yes

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